SOIL BIOLOGY & BIOCHEMISTRY

Volume Contents, Author and Keyword Index

Volume 35 2003

doi: 10.1016/S0038-0717(03)00319-5

ELSEVIER

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SOIL BIOLOGY AND BIOCHEMISTRY

Cooperating Journal of the International Union of Soil Sciences

AIMS AND SCOPE

AIMS

Soil Biology & Biochemistry is intended to act as an organ of research on soil organisms, their biochemical activities and their influence on the soil environment and plant growth. It publishes original work on quantitative, analytical and experimental aspects of such research. Soil biology and soil biochemistry cover many scientific disciplines but a single journal brings together the results and views of research workers working in a wide variety of research areas.

SCOPE

The scope of this journal is wide and embraces accounts of original research on the biology, ecology and biochemical activities of all forms of life that exist in the soil environment. In the context of the soil environment, subjects which have proved to be prominent or are receiving increasing attention include:

microbial biomass and soil fertility
soil organisms and sustainable agriculture
biology of earthworms and other soil animals
biology and biochemistry of decomposition
soil enzymes
mycorrhiza
biological nitrogen fixation
biological nutrient transformations and cycling
modelling of biological processes
biology and biochemistry of contaminated soils
waste disposal
bioremediation
biodegradation of xenobiotics
soil-borne plant pathogens
biological control of organisms
genetically-engineered microorganisms (GEMS) or plants.

Among the criteria for publication are the intrinsic interest and the scientific value of the work described. Authors are encouraged to evaluate both the fundamental and the applied aspects of their topic, and, where possible, to show how they are interrelated.

Original papers, not published previously, are welcomed from all parts of the world. The contributions also include Short Communications concerned with modern experimentation, techniques, equipment and significant observations. Papers are accepted that present a new theory, provide a state-of-the-art review or comment upon some controversial topic area relevant to the journal. Book reviews are published.

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